



REPORT

To: Chair and Directors

Report Number: ENV-BRD-184

From: Daris Gillis, Environmental Services Manager

Date: May 2, 2024

Subject: Contract Award – ITT 09-2024 Charlie Lake, Rolla, and Kelly Lake Lagoon Desludging**RECOMMENDATION: [Corporate Weighted]**

That the Regional Board award Invitation to Tender 09-2024 “Charlie Lake, Rolla and Kelly Lake Lagoon Desludging” to Lambourne Environmental Ltd. for desludging and dewatering of biosolids from the wastewater lagoons at an estimated breakdown of costs to Function 601 Charlie Lake Sewer for \$156,004.75, Function 607 Rolla Sewer for \$102,806, and Function 606 Kelly Lake Sewer for \$116,930 up to at maximum contract of \$375,740.75 (excluding taxes) including a 10% contingency; further, that the Chair and Chief Administrative Officer be authorized to sign the agreement on behalf of the PRRD.

BACKGROUND/RATIONALE:

On November 16, 2023, the Regional Board passed the following resolution:

MOVED, SECONDED and CARRIED,

That the Regional Board approve the ‘Charlie Lake Sewer - Capital Improvement Plan’ completed by McElhanney Ltd (October 10, 2023) for use in operational and capital 2024-2034 financial planning for Function 601 - Charlie Lake Sewer.

McElhanney Ltd. developed the Capital Infrastructure Plan (CIP) for the Sewer Collection System, Trucked Waste System, and Sewer Treatment Facility. The CIP identified the need for desludging maintenance of the lagoons at Charlie Lake. As part of ongoing asset management, staff also identified the need for desludging at the Rolla and Kelly Lake wastewater system lagoons based on recommended maintenance timelines. To increase efficiency of equipment mobilization to the region and purchasing power for materials, the scope of work for all the systems was included in Invitation to Tender (ITT) 09-2024. The ITT was issued in February and closed March 21, 2024, for desludging and dewatering of the Charlie Lake, Rolla and Kelly Lake lagoons using a geotubing system. One bid was received in response to the ITT. Based on the score in accordance with the criteria, staff are recommending the award of the contract to Lambourne Environmental Ltd.

Lambourne Environmental Ltd.	
Mandatory Requirements	
Submission Form (Appendix B)	✓
Scoring Matrix Results	
Experience & Qualifications (15%)	11.70
Methodology (15%)	10.40
Warranty (10%)	2.00
Project Budget (60%)	60.00
Total Score	84.10

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

- ☒ Asset and Infrastructure Management

FINANCIAL CONSIDERATION(S):

Pre budget approval for funding for these projects was obtained in December 2023 and is included as part of the 2024 Financial for each respective service function.

On December 8, 2023, the Regional Board passed the following resolution:

MOVED, SECONDED and CARRIED,

That the Regional Board approve the '2024 Charlie Lake Sewer Capital Improvements' works totalling \$2,718,900, including lagoon optimization, treatment cell optimization, rehabilitation plan for asset management, valve replacements, flow monitoring station improvements, pipe redundancy, Geotubes, Complete Mix Tank covers, addition of blower variable frequency drives, backup power, cell desludging, and lift station upgrades by utilizing previously committed Area C Peace River Agreement Funds and Area C Community Gas Works Funds for Function 601 Charlie Lake Sewer, in the 2024 Financial Plan.

On December 14, 2023, the Rural Budgets Administration Committee made the following recommendations:

MOVED, SECONDED and CARRIED,

That the Rural Budgets Administration Committee approve a funding commitment of \$200,000 from Area D Peace River Agreement Funds Spending Item #9 PRRD Sewer Services Assistance to be issued to Function 607 - Rolla Sewer as part of the 2024 Financial Plan for necessary desludging activities which will extend the useful life of the lagoons, including works such as sludge profiling, engineer design for de-watering, desludging, and drying and removal of the sludge materials.

MOVED, SECONDED and CARRIED,

That the Rural Budgets Administration Committee approve a funding commitment of \$200,000 from Area D Peace River Agreement Funds Spending Item #9 PRRD Sewer Services Assistance to be issued to Function – 606 Kelly Lake Sewer as part of the 2024 Financial Plan for necessary desludging activities which will extend the useful life of the lagoons, including works such as sludge profiling, engineer design for de-watering, desludging, and drying and removal of the sludge materials.

COMMUNICATIONS CONSIDERATION(S):

None at this time.

OTHER CONSIDERATION(S):

Desludging activities are tentatively scheduled to start in August 2024 and will be completed by September.

Charlie Lake Sewer has a Non-Farm Use authorization from the Agricultural Land Commission (ALC). A Notice of Intent to Place Soil was submitted to the Agricultural Land Commission for Charlie Lake for the containment berms that need to be built for the geotubes.

Rolla Sewer is within the Agricultural Land Reserve. It does not currently have a Non-Farm Use approval from the ALC. An application has been made to ALC for a Non-Farm Use approval and is pending review.

If the Non-Farm Use approval is not obtained prior to the start of desludging, staff have made contingency plans to ensure desludging is completed at Rolla.

External Links:

1. [Regional Board Meeting – November 16, 2023](#) – See Item 9.3 October 19, 2023 Rural Budgets Administration Committee Meeting Recommendations FN-BRD-238
2. [Regional Board Meeting – December 8, 2023](#) – See Item 8.13 2024 Charlie Lake Sewer Capital Improvements & RFP 54-2022 Contract Amounts, ENV-BRD-159
3. [Rural Budgets Administration Committee](#) – December 14, 2023 – See Item 8.2 Environmental Services Funding Commitments for 2024 Projects ENV-RBAC-069